ADDENDUM TO GEN-07-ASAM-02

GEN-07-ASAM-02 WILL BE USED AS AUTHORITY TO IMPLEMENT THE PROCEDURES PROVIDED IN THIS ADDENDUM. INSERT THE ADDENDUM INTO THE APPROPRIATE TM UNTIL THE OFFICIAL CHANGES ARE RECEIVED.

PAGE 2 **PROVIDES THE UPDATED ANVIS CONFIGURATION TABLE.**

PAGES 3 - 4 **PROVIDES AN EXTRACT FROM TM 11-5855-313-23&P AND WILL BE USED WHEN INSPECTING FOR BLACK SPOTS.**

PAGES 5 - 6 **PROVIDES AN EXTRACT FROM TM 11-5855-313-23&P AND WILL BE USED DURING NVD PURGE PROCEDURES.**

TM 11-5855-313-23&P IS CURRENTLY UNDER REVIEW FOR UPDATE AND REISSUE.

ADDENDUM TO GEN-07-ASAM-02

GEN-07-ASAM-02 WILL BE USED AS AUTHORITY TO IMPLEMENT THE PROCEDURES PROVIDED IN THIS ADDENDUM. INSERT THE ADDENDUM INTO THE APPROPRIATE TM UNTIL THE OFFICIAL CHANGES ARE RECEIVED.

ANVIS TYPE CLASSIFICATIONS

This sheet shows the ANVIS configurations that will be in the field NLT 1 OCT 08

The following type classifications must be complied with and documented in the ANVIS historical records. ANVISs must be reconfigured, if necessary, to match one of the classifications from the table below. ANVISs may continue to be upgraded; however, ANVISs will not be downgraded through configuration. ANVISs that cannot be typed will be placed in Red //X// Status. All ANVISs must have a small adhesive label affixed to the top of the PAS indicating their type, such as "Type 5". The type number label must not cover the ID Plate or the warranty expiration date label.

TYPE	CLASSIFICATION [1, 2]	EYEPIECE	PAS	OBJECTIVE	II TUBE ID LABEL
TYPE 1 [3]	NOT AUTHORIZED				
TYPE 2 [3]	NOT AUTHORIZED				
TYPE 3 [3]	NOT AUTHORIZED				
TYPE 4 [8]	AN/AVS-6(V)1, 5855-01-138-4749	25MM	DUAL IPD	ID 80063-A3279596 5855-01-519-4171	MX-10160A/AVS-6 ID 80063-A3256389 or Blue Label Tubes [4] 5855-01-423-1497
TYPE 4 [8]	AN/AVS-6(V)1A, 5855-01-439-1745	25MM	DUAL IPD	ID 80063-A3279596 5855-01-519-4171	MX-10160A/AVS-6 ID 80063-A3256389 or Blue Label Tubes [4] 5855-01-423-1497
TYPE 5 [5, 8]	AN/AVS-6(V)1, 5855-01-138-4749	25MM	DUAL IPD	ID 80063-A3279596 [5] 5855-01-519-4171	MX-10160B/AVS-6 Two ID 80063-A3279453 [6] -or- Two ID 80063-A3279593 [6] 5855-01-473-6076
TYPE 5 [5, 8]	AN/AVS-6(V)1A, 5855-01-439-1745	25MM	DUAL IPD	ID 80063-A3279596 [5] 5855-01-519-4171	MX-10160B/AVS-6 Two ID 80063-A3279453 [6] -or- Two ID 80063-A3279593 [6] 5855-01-473-6076
TYPE 5 [5]	AN/AVS-6(V)3, 5855-01-475-7061	25MM	DUAL IPD	ID 80063-A3279596 [5] 5855-01-519-4171	MX-10160B/AVS-6 Two ID 80063-A3279453 [6] -or- Two ID 80063-A3279593 [6] 5855-01-473-6076
TYPE 6 [8]	AN/AVS-6(V)1, 5855-01-138-4749	25MM	DUAL IPD	ID 80063-A3279596 5855-01-519-4171	MX-10160C/AVS-6 [7] ID 80063-A3279602 5855-01-503-4799
TYPE 6 [8]	AN/AVS-6(V)1A, 5855-01-439-1745	25MM	DUAL IPD	ID 80063-A3279596 5855-01-519-4171	MX-10160C/AVS-6 [7] ID 80063-A3279602 5855-01-503-4799
TYPE 6	AN/AVS-6(V)3, 5855-01-475-7061	25MM	DUAL IPD	ID 80063-A3279596 5855-01-519-4171	MX-10160C/AVS-6 [7] ID 80063-A3279602 5855-01-503-4799

NOTES:

1. The classification NSN stated is for the system and MUST match the NSN in the Property Book.
2. The LIN for all centered ANVISs (AN/AVS-6(V)1, -6(V)1A and -6(V)3) is A06352.
3. If you have any Types 1, 2 or 3, contact Mr. Jim Richman (DCS), (334) 596-1025, email "james.richman@us.army.mil".
4. Check "http://www-rucker.army.mil/atb/nvd/nvdb.htm" for authorized Blue Label Tube Serial Numbers.
5. Type 5 may continue to use Objective PN A3279595, NSN 5855-01-476-1481 - except with ADSS, until the recall is completed.
6. MX-10160B/AVS-6 image intensifier tubes MUST be matched by ID (Part Number). Record ID in the Historical Record.
7. Record the CAD (YYWW) date of the MX-10160C/AVS-6 tubes in the Historical Record for black spot testing.
8. At a date to be determined, (V)1 or (V)1A classified as a Type 4, 5, or 6, it will be reclassified as a (V)3.

INSPECTING FOR BLACK SPOTS

PASS/FAIL CRITERIA

(1) Refer to Table 2-2, Table 2-2A, or Table 2-2B listing allowable spots and sizes to determine if the image intensifier under test should be rejected.

NOTE

Check records to determine which type of tubes are in the system before performing the black spot check.

NOTE

The CAD of the image intensifier assembly is the date code formatted YYWW.

2-9 BLACK SPOT CHECK - Continued

Allowable Black Spots and Sizes for MX-10160A (PN A3256389)

SIZE AND LOCATION	.003 .006	.006 .009	.009 .012	.012 .015	LARGER THAN .015	SMALLER THAN .003
Center Ring	0	0	0	0	0	any mount
1st Ring	2	1	0	0	0	any mount
2nd Ring	2	1	0	0	0	any mount

Allowable Black Spots and Sizes for MX-10160B (PN A3279453)

SIZE AND LOCATION	.003 .006	.006 .009	.009 .012	.012 .015	LARGER THAN .015	SMALLER THAN .003
Center Ring	0	0	0	0	0	any amount
1st Ring	2	1	0	0	0	any amount
2nd Ring	3	2	0	0	0	any amount

Allowable Black Spots and Sizes for MX-10160B (PN High Performance, A3279593) and MX-10160C (PN A3279602) with CAD BEFORE 0438

SIZE AND LOCATION	.003 .006	.006 .009	.009 .012	.012 .015	LARGER THAN .015	SMALLER THAN .003
Center Ring	0	0	0	0	0	any amount
1st Ring	2	1	0	0	0	any amount
2nd Ring	2	1	0	0	0	any amount

Allowable Black Spots and Sizes for MX-10160C (PN A3279602) with CAD ON or AFTER 0438

SIZE AND LOCATION	.003 .006	.006 .009	.009 .012	.012 .015	LARGER THAN .015	SMALLER THAN .003
Center Ring	0	0	0	0	0	any amount
1st Ring	0	0	0	0	0	any amount
2nd Ring	2	1	0	0	0	any amount

(2) The image intensifier assembly fails if the black spot (circular) is larger than the maximum spot size indicated on the target for the ring in which the spot (circular) is located, or if the image intensifier assembly exceeds the number of spots allowed for that ring.

(3) The image intensifier assembly fails if the maintenance person determines, by comparison, that the area of the non-circular spot is larger than the area of the largest circular spot designated in that ring. This will be a subjective evaluation so remember that these spots were evaluated before Government acceptance at the contractor's plant and passed. Judging the area is difficult. See Examples 1 and 2 of Figure 2-8. Do not reject an image intensifier for an irregularly shaped spot by its diameter alone.

ADDENDUM TO GEN-07-ASAM-02

GEN-07-ASAM-02 WILL BE USED AS AUTHORITY TO IMPLEMENT THE PROCEDURES PROVIDED IN THIS ADDENDUM. INSERT THE ADDENDUM INTO THE APPROPRIATE TM UNTIL THE OFFICIAL CHANGES ARE RECEIVED.

NEW PURGE PROCEDURES

CHANGE TO PAGES 3-10 AND 3-11, TM 11-5855-313-23&P, DTD 15 FEB 03

NOTE - STEPS (1) THROUGH (8) AND FIGURE 3-4 REMAINS AS WRITTEN IN TM 11-5855-313-23&P

3-8 PURGING - Continued

(9) Rotate the objective focus ring counterclockwise until the objective is fully extended.

(10) Rotate the eyepiece focus ring counterclockwise until the eyepiece is fully extended.

(11) With the regulator valve handle still set at zero pressure, open the main nitrogen tank valve. The high pressure gauge on the regulator will indicate tank pressure. If the indicated tank pressure is below 100 pounds, replace tank.

(12) Set purge device PUMP/NITROGEN switch to PUMP and the LEAK TEST/PURGE switch to PURGE.

(13) Slowly adjust the pressure regulator valve handle by turning it clockwise until low-pressure gauge indicates greater than 0 and up to 3.5 psi.

(14) Set purge device PUMP/NITROGEN switch to NITROGEN and the LEAK TEST/PURGE switch to PURGE. Observe the reading of the purge device gauge. If it reads equal to or less than 0 psi, slowly adjust the regulator valve handle until the purge device gauge reading indicates a positive pressure greater than 0 and up to 3.5 psi.

(15) Using the screwdriver, loosen the inside purge valve 1 1/2 to 2 turns on the monocular being serviced, listen for escaping gas. If you do not hear gas escaping, turn the pressure regulator handle back to the zero position, remove the inner purge valve, remove any obstruction, and repeat the entire purging process on the current monocular from the beginning.

(16) Rotate the objective focus ring clockwise until the objective is fully retracted.

(17) Rotate the eyepiece focus ring clockwise until the eyepiece is fully retracted.

(18) Repeat steps (9) and (10), then steps (16) and (17), two additional times.

(19) Looking into the open end of the objective lens, rotate the focus ring clockwise to approximately the midpoint of the focus ring travel.

(20) Looking into the open end of the eyepiece lens, adjust the diopter focus ring clockwise to the "-2" position.

(21) Using the screwdriver, tighten the inside purge valve just enough to stop escaping gas.

(22) Close the purge valve by turning the large knob of the purge adapter clockwise until it is snug.

(23) Turn PUMP/NITROGEN switch to PUMP.

(24) Remove quick disconnect, or hose form the purge adapter.

(25) Grasp the small knob of the purge adapter. Unscrew it from the purge in the monocular and remove.

(26) Using the torque driver and fabricated screwdriver bit, torque the two purge valves on the monocular to 8 inch-ounces (0.5 inch-pounds).

(27) Repeat steps (6) through (26) for the other monocular.

(28) Close the nitrogen tank valve and release the pressure on the regulator valve handle.

(29) Turn PUMP/NITROGEN switch to PUMP.

(30) Set regulator valve handle zero.

(31) Turn off nitrogen tank valve.